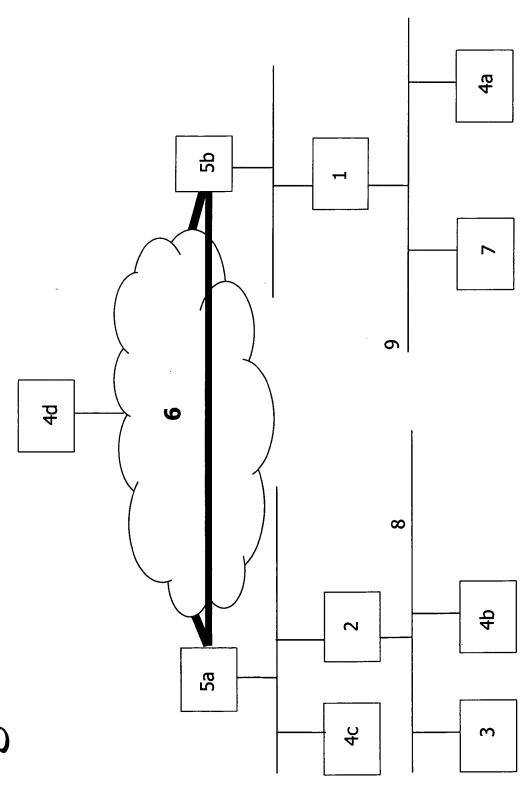
4 Fig. 1



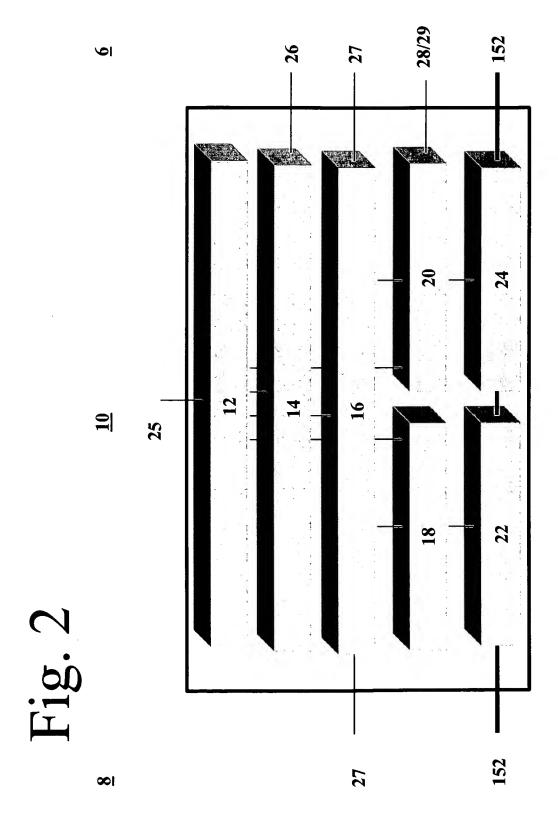


Fig. 3a

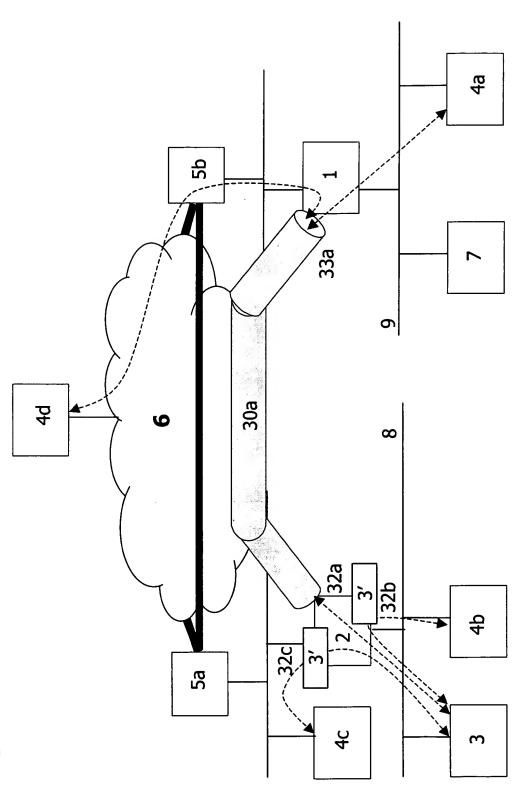
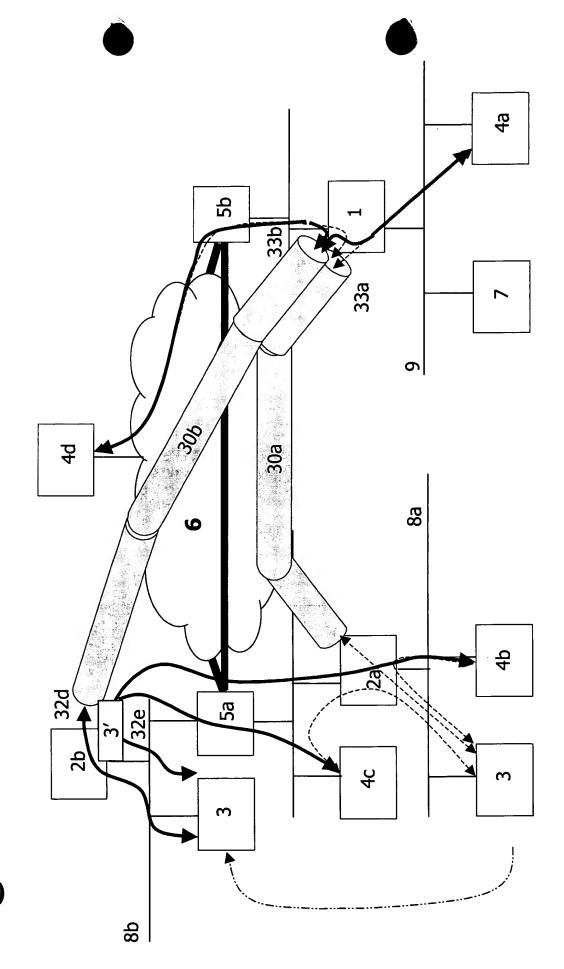
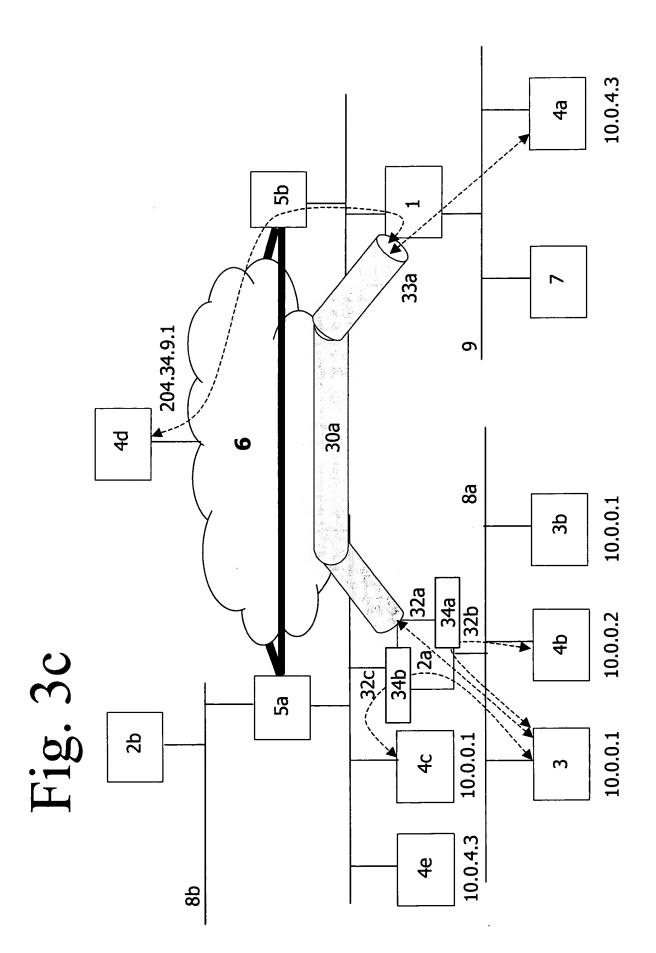


Fig. 3b





| 40 | 41 | 20 | 51 | 52 |
|----------------|------------------|-----|-----------------|---------|
| | | | | |
| 3 10.0.0.1 | 4a 10.0.4.3 | 50a | ı | 58 |
| 3 10.0.0.1 | 4b 10.0.0.2 | 909 | Dynamic 3, 53 | 58 – 59 |
| 3 10.0.0.1 | 4c 10.0.0.1 | 50a | Dynamic 3, 53 | 58 –57 |
| 3 10.0.0.1 | 4d 204.34.9.1 | p05 | 1 | 99 |
| 4a 10.0.4.3 | 3 10.0.0.1 | 50a | 1 | 58 |
| 4b 10.0.0.2 | 3 10.0.0.1 | 50b | Stateful NAT 54 | 58 – 59 |
| 4c 10.0.0.1 | NAT (3 10.0.0.1) | 50a | Stateful NAT 54 | 58 – 57 |
| 4d 204. 34.9.1 | 3 10.0.0.1 | 50d | ı | 56 |

| 40 | 4 | 42 | 43 |
|------------------|------------------|-----|-------------|
| 3 10.0.0.1 | 4a 10.0.4.3 | 32a | 44a (< 44b) |
| 3 10.0.0.1 | 4e 10.0.4.3 | 32c | 44b |
| 3 10.0.0.1 | 4b 10.0.0.2 | 32b | |
| 3 NAT (10.0.0.1) | 4c 10.0.0.1 | 32c | 48a (< 48b) |
| 3 10.0.0.1 | 3 10.0.0.1 | 32b | 48b |
| 3 10.0.0.1 | 4d 204.34.9.1 | 32a | 45a (< 45b) |
| 3 10.0.0.1 | 4d 204.34.9.1 | 32c | 45b |
| 4a 10.0.4.3 | 3 10.0.0.1 | 32b | • |
| 4b 10.0.0.2 | 3 10.0.0.1 | 32b | 46a (< 46b) |
| 4b 10.0.0.2 | 3 10.0.0.1 | 32c | 46b |
| 4c 10.0.0.1 | 3 (NAT) 10.0.0.1 | 32b | 47a (< 47b) |
| 4c 10.0.0.1 | 3 (NAT) 10.0.0.1 | 32c | 47b |
| 4d 1204.34.9.1 | 3 10.0.0.1 | 32b | |

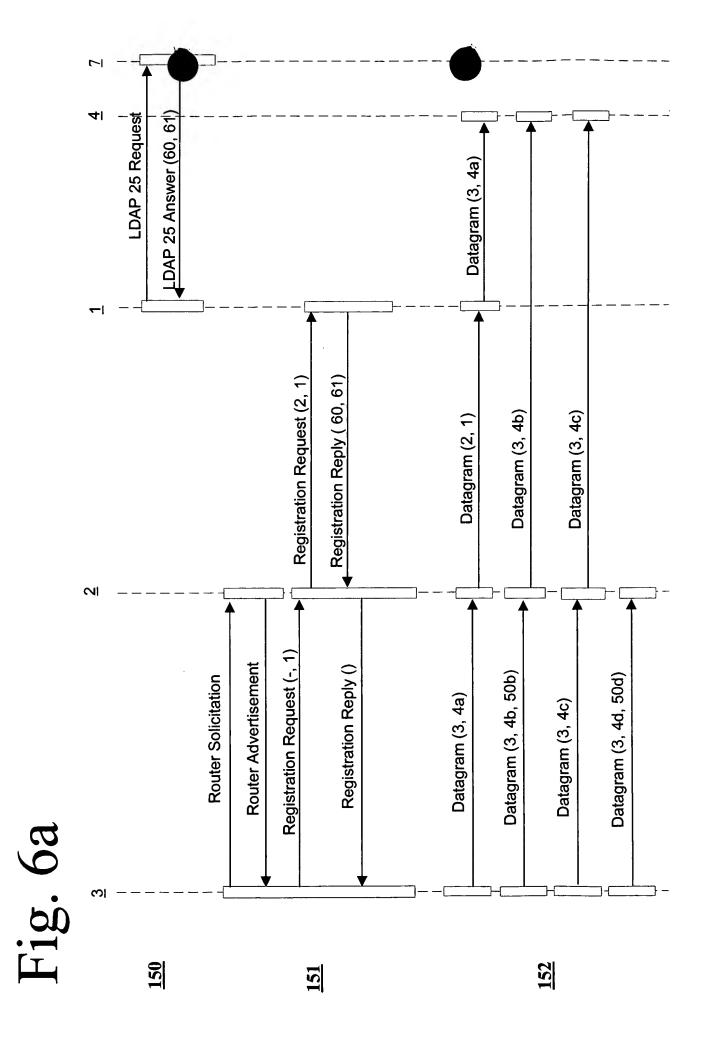


Fig. 6b

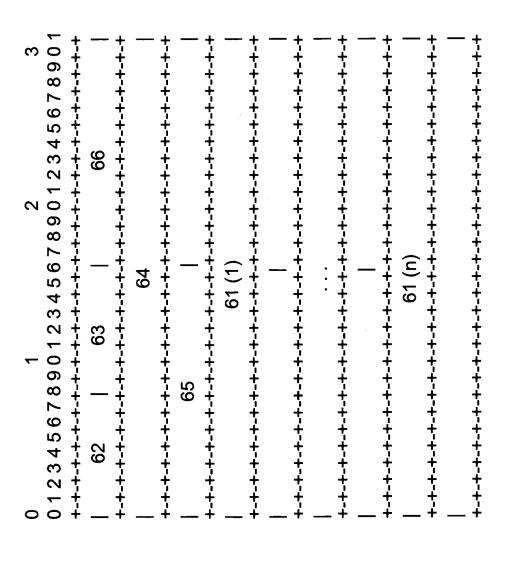
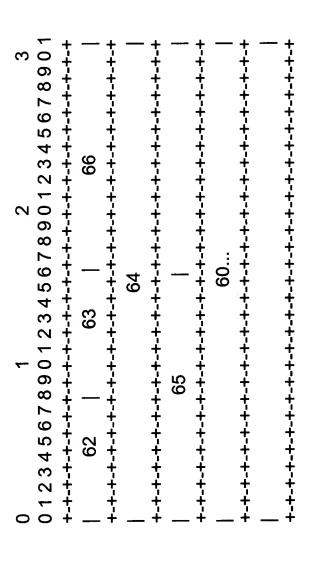
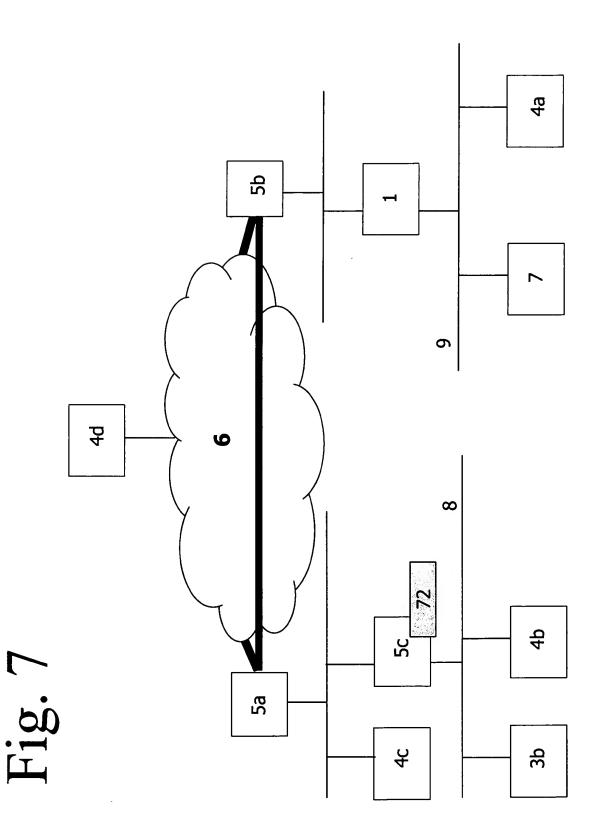


Fig. 6c





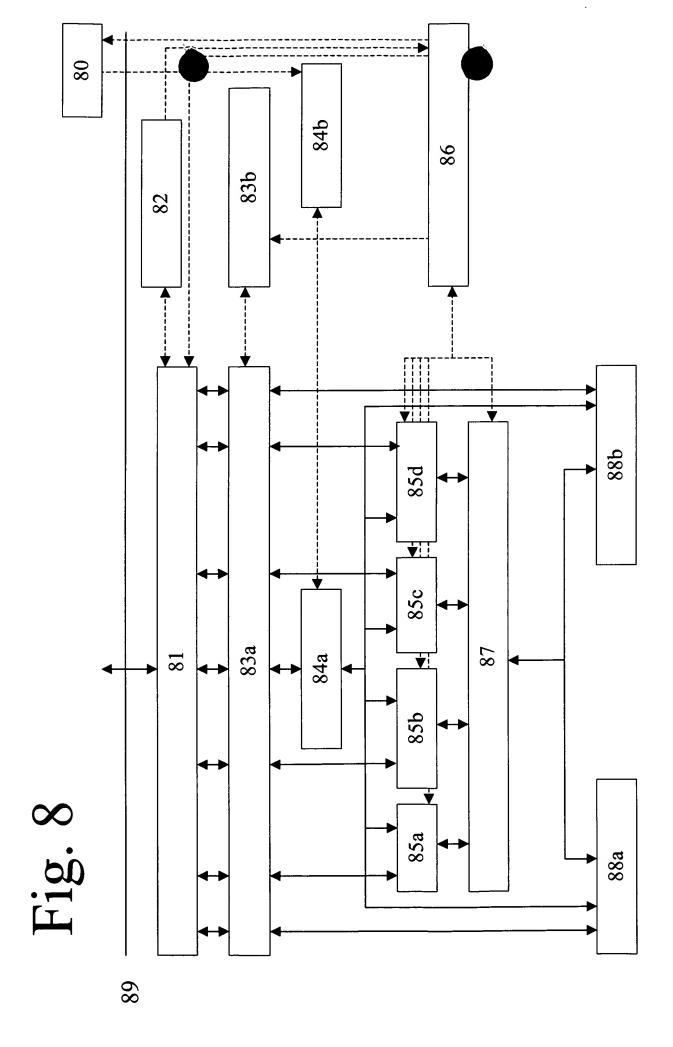
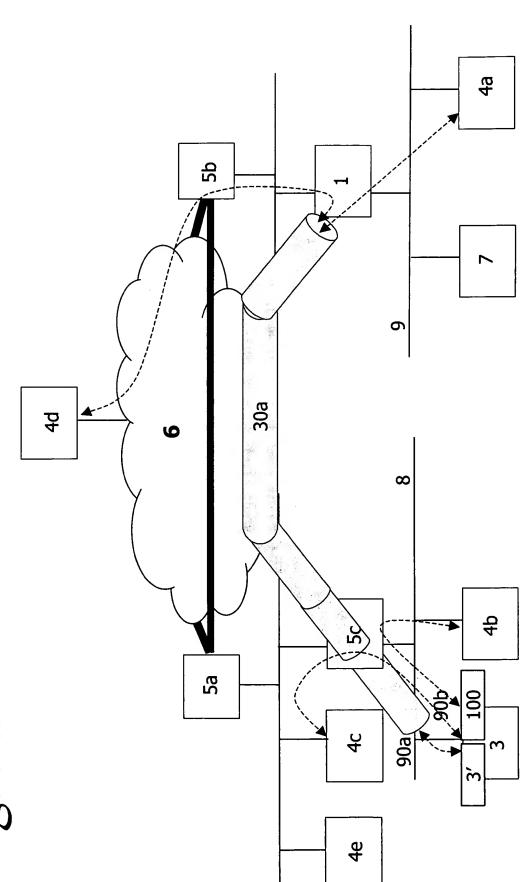
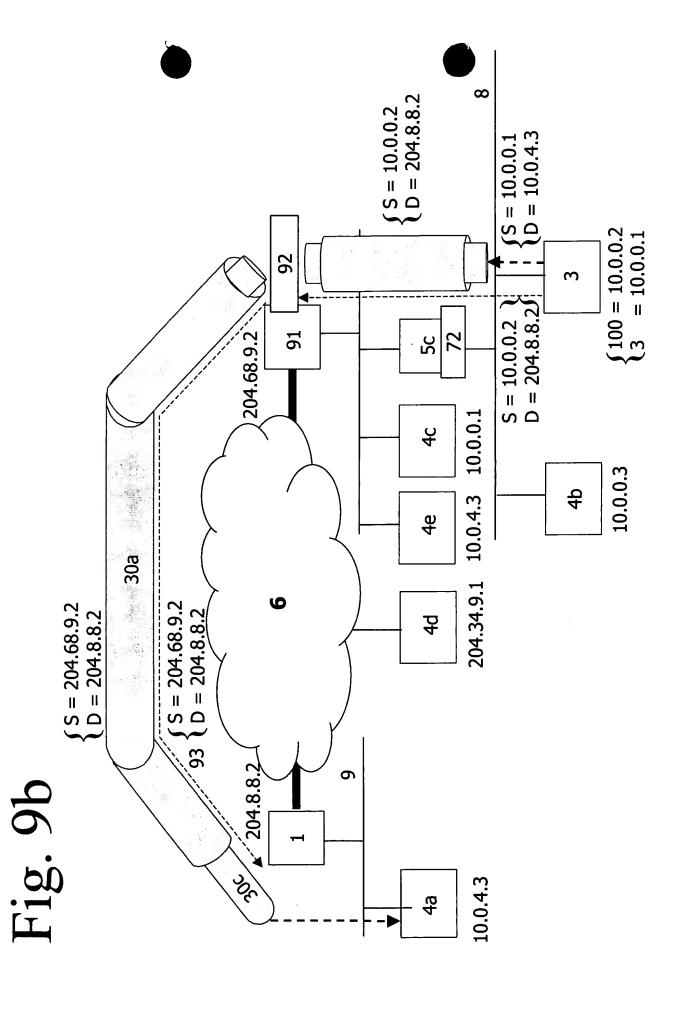


Fig. 9a





| 40 | | 20 | 52 |
|---------------|---------------|-----|---------|
| 3 10.0.0.1 | 4a 10.0.4.3 | 50a | 58 |
| 100 10.0.0.2 | 4b 10.0.0.3 | 50b | 58 |
| 100 10.0.0.2 | 4c 10.0.0.1 | 50a | 58 – 59 |
| 3 10.0.0.1 | 4d 204.34.9.1 | 50d | 56 |
| 4a 10.0.4.3 | 3 10.0.0.1 | 50a | 58 |
| 4b 10.0.0.3 | 100 10.0.0.2 | 50b | 58 |
| 4c 10.0.0.1 | 100 10.0.0.2 | 50a | 58 – 59 |
| 4d 204.34.9.1 | 3 10.0.0.1 | 50d | 56 |

| 40 | 41 | 4 5 | 43 |
|--------------|---------------|------------|---------------|
| 3 10.0.0.1 | 4a 10.0.4.3 | 90a | 110a (< 110b) |
| 100 10.0.0.2 | 4e 10.0.4.3 | 906 | 110b |
| 100 10.0.0.2 | 4b 10.0.0.3 | 906 | 111a |
| 3 10.0.0.1 | 3 10.0.0.1 | 90c | 112a |
| 100 10.0.0.2 | 4c 10.0.0.1 | 906 | 112b (< 112a) |
| 3 10.0.0.1 | 4d 204.34.9.1 | 90a | 113a (< 113b) |
| 100 10.0.0.2 | 4d 204.34.9.1 | 90b | 113b |

Fig. 12a

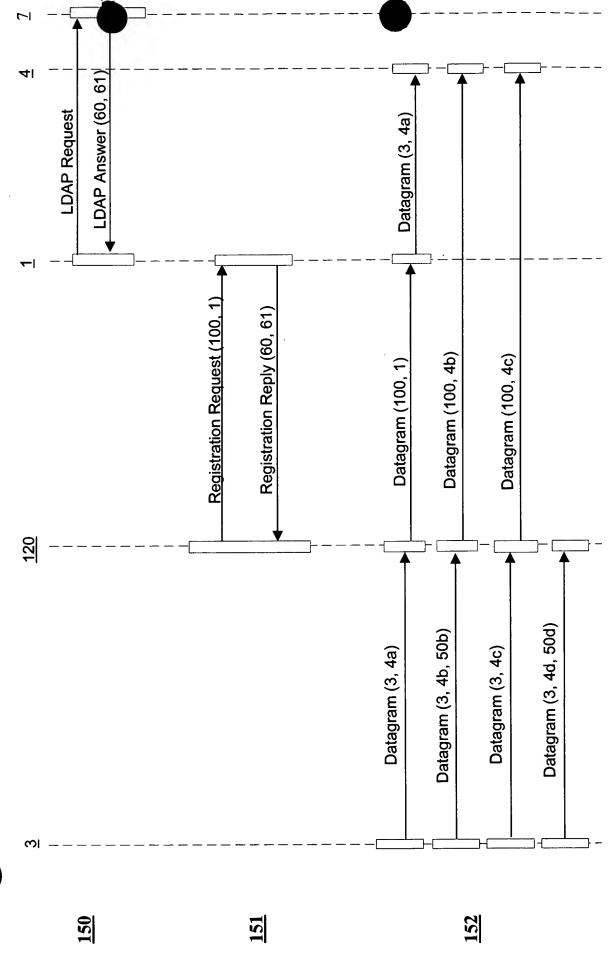
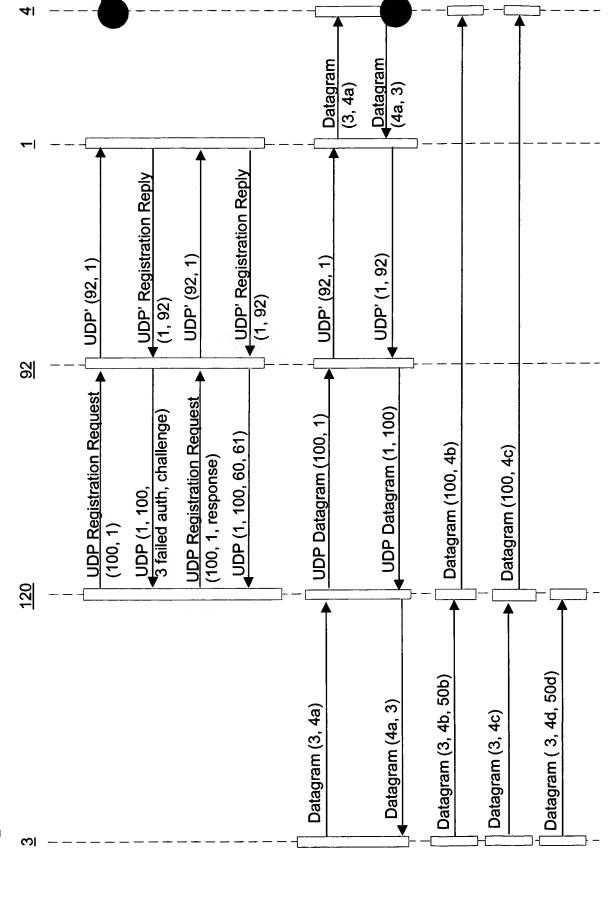


Fig. 12b



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Fig. 13a

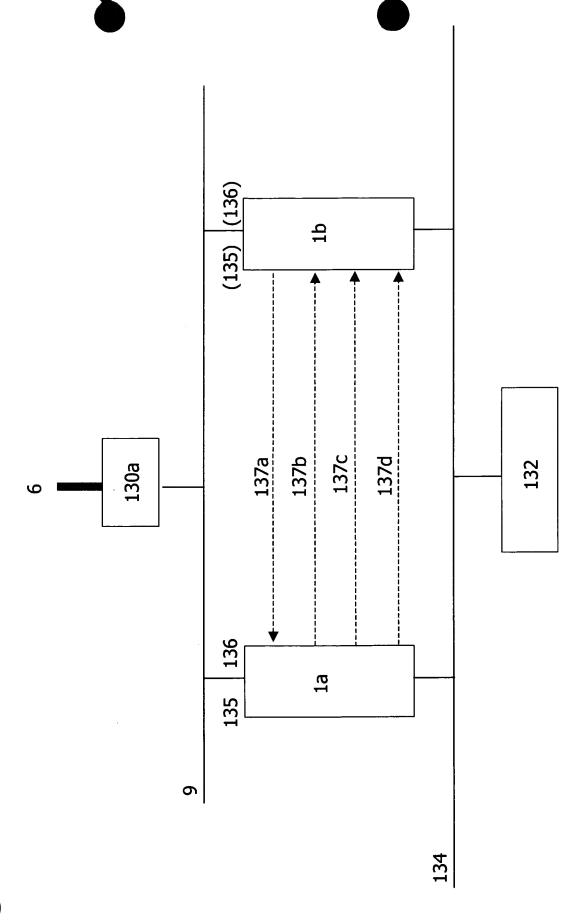


Fig. 13b

Fig. 14a

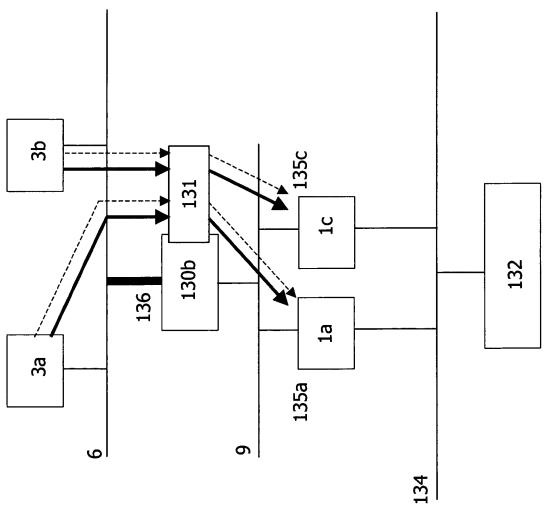
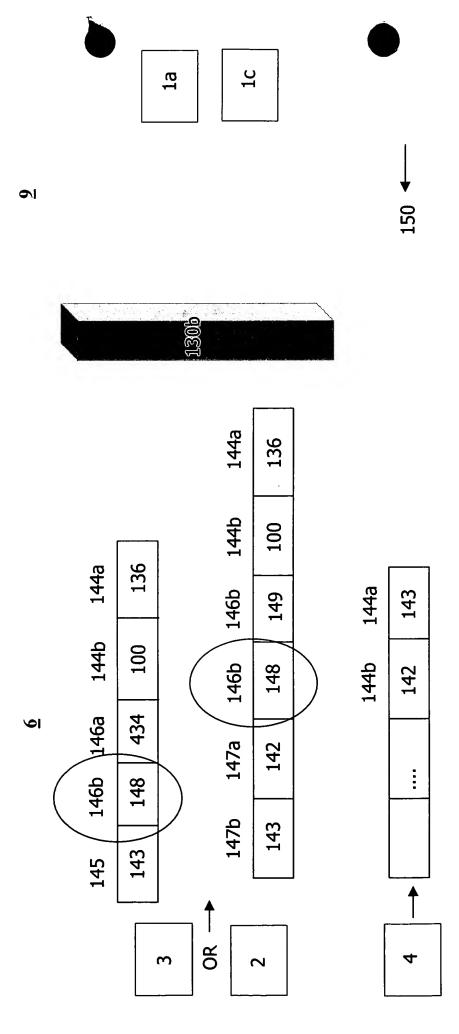


Fig. 14b



LDAP Answer (153) LDAP Request Registration Request (154a, 154b) Registration Reply (154b, 154c) IKE Packet 5 (154b) IKE Packet 9 (154c) LDAP Answer (153) **LDAP Request** Registration Reply (154b, 154c) Router Advertisement IKE Packet 9 (154b) Router Solicitation IKE Packet 5 (154a) Registration Request (154a) IKE Packet 5 (154a) IKE Packet 9 (154c) Fig. 15a 152 150 <u>151</u>

Fig. 15b

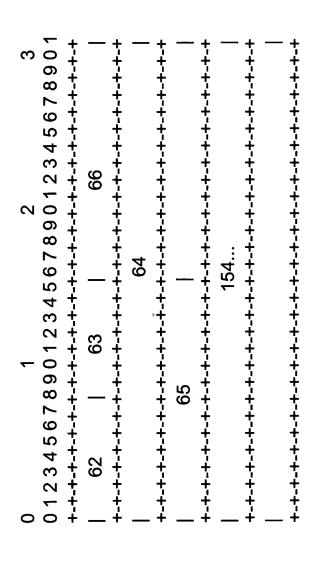


Fig. 15c

ertificate:

ata:

ersion: 3 (0x2)

erial Number: 3 (0x3)

ignature Algorithm: d5WithRSAEncryption ssuer 159: C=SE, ST=Sweden, =Stockholm, O=ipUnplugged, U=Certificate Authority, N=msm.ipunplugged.com/ mail=msm@ipunplugged.com

alidity

ot Before: Jan 9 22:29:08 2000 GMT Not fter: Jan 8 22:29:08 2001 GMT

ubject 160: C=SE, ST=Stockholm, =Stockholm, O=ipUnplugged, U=Development,

N=forslow.ipunplugged.com/ mail=forslow@ipunplugged.com

Subject Public Key Info:

Public Key Algorithm: rsaEncryption

RSA Public Key: (1024 bit)

Modulus (1024 bit):

00:b6:7f:3d:a9:84:6c:ff:6f:da:e4:38:23:d6:36:

37:13:2a:5a:30:96:c6:eb:4a:c9:b7:34:4e:e5:2a:

43:2f:fb:20:08:f8:e3:43:54:ce:cf:45:02:df:68:

2b:31:d8:0c:21:50:c0:b6:14:0b:95:a8:eb:8e:e0:

67:26:40:8a:83:68:7d:9a:04:05:2b:7e:7e:0c:cf: c7:14:b8:b6:17:63:35:2e:82:5c:86:35:4e:e6:b9:

5e:4d:54:e2:26:2f:2b:ef:ea:98:ea:8b:f9:3f:af:

f6:b2:41:3d:62:11:57:f7:4a:08:d5:30:9a:3a:33: 87

d9:aa:a7:6f:3d:75:90:05:cb

Exponent: 65537 (0x10001)

X509v3 extensions:

X509v3 Subject Alternative Name 158:

Address 157=10.0.0.1

UFQDN 156=jan.forslow@ipunplugged.com

Signature Algorithm: md5WithRSAEncryption

6f:3f:1a:70:d0:b4:6f:39:46:30:74:7c:08:1a:fd:bb:3b:74: 43:c3:59:04:d2:83:b6:7e:1b:50:9c:77:4a:50:6f:35:48:f4: a6:63:88:03:13:60:b3:17:41:f7:ea:7e:79:7d:d0:3b:d0:c8:

4b:b9:c3:51:82:9f:e6:ab:a0:b3:93:c1:88:ba:4c:58:ab:33:

54:d3:30:83:1d:9e:aa:74:d2:8c:5f:87:89:a7:76:2c:27:23:

d4:8b:2a:12:e2:86:49:a8:86:8b:57:b8:c7:f7:6a:4d::

87:cd:4e:52:78:b6:19:51:90:e0:52:c4:8d:e8:c1:30:75:be:

73:25

